PTO/SR/21 (08-03)

ATEN)	& TRADEMATE DETWORK Reduction Act of 1995		U.S. Paten	nt and Trademark Office	e; U.S. D	th 08/30/2003. OMB 0651-0031 EPARTMENT OF COMMERCE	
Under the Par	perwork Reduction Act of 1995	no persons	s are required to respond to a collection Application Number	on of information unles	s it disola	vs a valid OMB control number.	
TF	RANSMITTAL		Filing Date	07/20/2004			
	FORM		First Named Inventor	Chun-Ming Cho			
(to be used for	all correspondence after initial	filing)	Art Unit			<u>". </u>	
			Examiner Name				
Total Number of	Pages in This Submission	16	Attorney Docket Number	REAP0087USA			
		ENCI	LOSURES (Check all that	t apply)			
Amendme Af Af Af Extension Express A Information Documen Response Incomplet	riter Final rifidavits/declaration(s) a of Time Request Abandonment Request on Disclosure Statement Copy of Priority		Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addr Terminal Disclaimer Request for Refund CD, Number of CD(s)	ess Cott	Technolo peal Con Appeals peal Con peal Not oprietary atus Lette	osure(s) (please	
	SIGNA	TURE C	OF APPLICANT, ATTORN	EY, OR AGEN	Γ		
Firm or Individual name Signature	Winston Hsu, Reg.	No.: 41,	1 instan	Hon	. — — · ·		
Date 7/297700							
CERTIFICATE OF TRANSMISSION/MAILING							
I hereby certify th sufficient postage the date shown b	at this correspondence is leas first class mail in an er	being facsi	mile transmitted to the USPTO or dressed to: Commissioner for Pa	r deposited with the	United 5	States Postal Service with ndria, VA 22313-1450 on	
Typed or printed	name						
Signature					Date		

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PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE	TRA	NS	MI.	TT	AL
4	for F	Y 2	2004	4	

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)	0.00
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Complete if Known				
Application Number	10/710,539			
Filing Date	07/20/2004			
First Named Inventor	Chun-Ming Cho			
Examiner Name				
Art Unit				
Attorney Docket No.	REAP0087USA			

METH	FEE CALCULATION (continued)							
Check	Credit card Money Other None	3. A	3. ADDITIONAL FEES					
Deposit Account:			Entity			,		
Deposit		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid_	
Account Number	50-3105	1051	130	2051	65	Surcharge - late filing fee or oath		
Deposit Account	North America Intellectual Property Corp.	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		
Name The Director i	s authorized to: (check all that apply)	1053	130	1053		Non-English specification		
	(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	<u> </u>	
	y additional fee(s) or any underpayment of fee(s)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
	e(s) indicated below, except for the filing fee dentified deposit account.	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
	FEE CALCULATION	1251	110	2251	55	Extension for reply within first month		
1. BASIC F		1252	420	2252	210	Extension for reply within second month		
Large Entity	Small Entity	1253	950	2253	475	Extension for reply within third month	<u> </u>	
Fee Fee	Fee Fee Fee Description Fee Paid Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month		
1001 770	2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month	<u> </u>	
1002 340	2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal		
1003 530	2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal		
1004 770	2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing		
1005 160	2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
	SUBTOTAL (1) (\$) 0.00	1452	110	2452	2 55	Petition to revive - unavoidable		
			1,330	2453	665	Petition to revive - unintentional		
2. EXTRA	CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)		
	Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee		
Total Claims Independent	-20** = X X	1503	640	2503	320	Plant issue fee		
Claims	-3** = L X =	1460	130	1460	130	Petitions to the Commissioner		
Multiple Depe		1807	50	180	7 50	Processing fee under 37 CFR 1.17(q)		
Large Entity Fee Fee	Small Entity Fee Fee Fee Description	1806	180	180		Submission of Information Disclosure Stmt		
Code (\$)	Code (\$)	8021	40	802	1 40	Recording each patent assignment per property (times number of properties)		
1202 18 1201 86	2202 9 Claims in excess of 20 2201 43 Independent claims in excess of 3	1809	770	280	9 385	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 290	2203 145 Multiple dependent claim, if not paid	1810	770	281	0 385	For each additional invention to be		
1204 86	2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)		
1205 18	2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application		
	SUBTOTAL (2) (\$) 0.00	Other	fee (sp	ecify) _				
**or numbe	SUBTOTAL (2) (\$\(\frac{5}{2}\) U.UU or previously paid, if greater; For Reissues, see above	*Red	uced by	Basic	Filing F	ree Paid SUBTOTAL (3) (\$) 0.00		

SUBMITTED BY				(Complete (if applicable))	ב
Name (Print/Type)	Winston Hsu	1-1-4	Registration No. (Attorney/Agent) 41,526	Telephone	886289237350	
Signature		VVmlo	nHan	Date	2128720	} ₽(
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PTO/SB/08B (10-01)
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Complete if Known Substitute for form 1449B/PTO 10/710,539 Application Number INFORMATION DISCLOSURE 07/20/2004 Filing Date Chun-Ming Cho First Named Inventor STATEMENT BY APPLICANT Group Art Unit (use as many sheets as necessary) **Examiner Name** Attorney Docket Number REAP0087USA Sheet of

Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	-
	1	Konstantinos Nikitopoulos, Andreas Polydoros; "Post-FFT Fine Frame Synchronization for OFDM systems"; National and Capodistrian University of Athens, Dept. of Physics, Electronics Laboratory, 157 84 Panepistimiopolis, Athens, Greece	
	2	Michael Speth, et al.;"Optimum Receiver Design for OFDM-Based Broadband Transmission-Part 2: A Case Study";IEEE Transactions on Communications, Vol. 49, No. 4. April 2001	
		·	

Examiner	Date	
Signature	Considered	

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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.